

Resource Sharing Plan

The results of my research will be disseminated through open source publications, presentations and other materials. Throughout the research process, I will make original code used for all analyses available on my public Github in order for it to be freely accessible. Data will be made available as data sharing agreements allow. Further, the finalized software from my methods will be submitted to the Comprehensive R Archive Network (CRAN) as R packages with examples and vignettes for others to implement.

All results and methods will be submitted to peer-reviewed publications and added to PubMed Central, with the goal of publishing in open access journals. I will additionally present my research at academic conferences and school seminars. This will allow for discussions with both statisticians and scientists in order to further the research aims and advance collaborations.

No model organisms will be generated as part of this proposed research. No genome-wide association studies will be performed as part of this proposed research.